

Date: Sun, 18 Sep 94 10:30:32 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #1036
To: Info-Hams

Info-Hams Digest Sun, 18 Sep 94 Volume 94 : Issue 1036

Today's Topics:

 2m Digipeaters DC Area?
 Amateur Radio in Singapore?
 ANS-260 BULLETINS
 DX Reflector
 Help w/Power Supply - Please!
 Info wanted on the York PA hamfest
 IPS Daily Report - 17 September 94
 Monthly FAQ Posting
 rfmatch6.zip - Hams: RF match calculator and optimizer
 Soundblaster "Loop" Recording
 ZAPPING dead Nicad Packs with my quick charger??

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 18 Sep 1994 14:53:21 GMT
From: news1.digex.net!access3!ice@uunet.uu.net
Subject: 2m Digipeaters DC Area?
To: info-hams@ucsd.edu

Date: 12 Sep 1994 11:09:40 GMT
From: agate!howland.reston.ans.net!vixen.cso.uiuc.edu!news.uoregon.edu!
usenet.eel.ufl.edu!piaget.moe.ac.sg!raffles.technet.sg!solomon.technet.sg!

nunas@ames.arpa
Subject: Amateur Radio in Singapore?
To: info-hams@ucsd.edu

Jeffrey Herman (jeffrey@kahuna.tmc.edu) wrote:
: In article <34thov\$cb6@news.delphi.com> carsonco@news.delphi.com
(CARSONCOLE@DELPHI.COM) writes:
: >I am moving to Singapore and was wondering what the status is regarding
: >owning/operating radio equipment. Any help would be appreciated, since I
: >am unsure as to where to turn.

: I'm told that the Singapore government spends at least one year
: processing licenses. There's no problem owning radios at all.

: Jeff NH6IL

Well, that is not quite the right answer. ;->

Here is the right answer (well part of it anyway):

Write the Telecom Authority of Singapore at 4-8 George street, Singapore 0104. The manager of licensing and standards is Tang Chee Mun. Tell him exactly what you want to do and when. He will send you the rules. Be sure to ask him if your _____ tranceiver(s) are on the approved list.

Bring the original of your Licence and operators certificate.

Do not bring any equipment that is not on the "approved list". Most synthesized above 30 MHz (maybe all) are not yet approved.

You will need to submit:

- Passport
- Your cert & lic
- Two LOCAL character references who have known you for at least 6 months
So, when you get into town, make friends fast. Hint. SARTS club meetings are on the last thursday of each month at the Members' room of the Medical Alumni Assn #2 College Rd. So. Hint. if you are clean, neat, professional, beg a little, have a really good employer, you might get to apply after 3 months; apply as soon as you can.
BIG hint *don't* try to buy your way in as done in some other Asian countries; that won't work here.
- Approval letter from your landlord (usually a management corporation)
Hint. choose VERY carefully. Oh yes, if you operate HF, stay away from the Fort Road area please ;)
- A complete diagram of all components, the wiring and position in/on the building.
- \$25

You will also have to give your transceiver to the TAS for examination. Do this before you get your licence and save another 2 - 4 weeks delay.

This will cost you \$200 per set (you guessed it, we don't have too many multi-multi stations here). Hint. If your tx/rx is modified for out of band operation UNmodify it now.

Leave your linear stateside, we are only allowed 150W CW 400 PEP on HF

Our bands are not the same as yours as we are in region 3 of the ITU.

Keep your act **very** clean. The local authorities do not cotton to what they consider a bad influence. This means be respectful, clean, neat, polite, and be nice to your mother (come to think of it, is that not how our mothers told us to act anyway?) ;->

Give me a call when you get here on the internet and we can talk.

When dealing with junior level Singaporeans, they **follow the rules**. So they often say "cannot" automatically. Be persistent, firm but polite and if you have to ask to speak to their boss. Be careful, make them loose face and you slide down the snake to the bottom of the pile. Above all, be ssure you are "right and reasonable".

73

Maurice, 9V1ZS

PS good luck. Coffee is on you when we meet; something stronger if I have to pull out my **big hint** file more than once. ;-)

Date: 18 Sep 94 17:19:32 GMT
From: news-mail-gateway@ucsd.edu
Subject: ANS-260 BULLETINS
To: info-hams@ucsd.edu

SB SAT @ AMSAT \$ANS-260.01
STS-64 ACTIVE ON PACKET

HR AMSAT NEWS SERVICE BULLETIN 260.01 FROM AMSAT HQ
SILVER SPRING, MD SEPTEMBER 17, 1994
TO ALL RADIO AMATEURS BT
BID: \$ANS-260.01

STS-64 SAREX Is Active On Packet Radio

After several days of being silent on packet, the STS-64 SAREX payload came alive today on packet. The general reason given for the silence was to conserve electrical power in order to extend the mission of STS-64 for another day. KA3HDO reports that the SAREX packet payload was turned on today and will remain on until it has to be stowed for landing. Listen for on the packet downlink link frequency of 145.550 MHz and remember that the the uplink is on 144.490 MHz. However, before transmitting, listen to the downlink for voice operations as voice operations are always a possibility.

[The AMSAT News Service (ANS) would like to thank Frank Bauer (KA3HDO) for the information which went into this bulletin item.]

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SB SAT @ AMSAT \$ANS-260.02
AMSAT-NA BOD ELECTION RESULTS

HR AMSAT NEWS SERVICE BULLETIN 253.02 FROM AMSAT HQ
SILVER SPRING, MD SEPTEMBER 17, 1994
TO ALL RADIO AMATEURS BT
BID: \$ANS-260.02

AMSAT-NA Board Election Results Announced

Martha Saragovitz, AMSAT's Corporate Secretary, announces the results of the recent election to fill three seats on the organization's Board of Directors.

A total of 1548 ballots were received at AMSAT Headquarters by the September 15th deadline.

The vote was:

Tom Clark W3IWI	1199
Andy Mac Allister WA5ZIB	837
Keith Baker KB1SF	781
Bob Myers W1XT	614
Lou McFadin W5DID	573
John Hansen WA0PTV	505

Therefore Tom Clark and Andy MacAllister are returned to the Board and Keith Baker replaces Joe Kasser (G3ZCZ). Bob Myers becomes the First Alternate and Lou McFadin the Second Alternate. The alternates serve until the next election, one year from now.

Thus, for the next year, the AMSAT-NA Board will consist of:

Keith Baker KB1SF
Tom Clark W3IWI

Dick Daniels W4PUJ
Junior deCastro PY2BJO
Rbt. Diersing N5AHD
Andy MacAllister WA5ZIB
Bill Tynan W3XO

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SB SAT @ AMSAT \$ANS-260.03
AMSAT-NA SYMPOSIUM INFO

HR AMSAT NEWS SERVICE BULLETIN 260.03 FROM AMSAT HQ
SILVER SPRING, MD SEPTEMBER 17, 1994
TO ALL RADIO AMATEURS BT
BID: \$ANS-260.01

AMSAT-NA Symposium Hotel Room Availability Information

Martha at the AMSAT office informs ANS that all rooms at the Orlando Airport Holiday Inn in the AMSAT block for Oct. 7th and 8th have been filled. The hotel management says, however, that those coming the AMSAT Space Symposium will be accommodated at the AMSAT-NA group rate subject to availability of rooms. Martha urges those desiring to attend who have not yet made a room reservation, to do so as soon as possible. The Holiday Inn Orlando Airport can be reached at (407) 851-6400.

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SB SAT @ AMSAT \$ANS-260.04
ANTARCTIC PACSAT STATION

HR AMSAT NEWS SERVICE BULLETIN 260.04 FROM AMSAT HQ
SILVER SPRING, MD SEPTEMBER 17, 1994
TO ALL RADIO AMATEURS BT
BID: \$ANS-260.04

Argentine Antarctic Satellite Operation

On 14-SEP-94 an Argentine team sailed on an icebreaker carrying a portable MICROSAT station and two AMSAT volunteers, LU2A0Q and LU9AFP. The objective is to demonstrate digital satellite communication including the transfer images and data files to those stationed in Antarctica with an aim of eventually placing permanent amateur satellite stations in Antarctica.

Such a demonstration is made all the more relevant because normal HF communication between Antarctic bases and the South American continent are frequently interrupted, especially during this portion of the solar cycle.

The ice breaker is working under callsign LU7AA, and will be underway for about one week. In addition to operating on the MICROSATs, the AMSAT

volunteers will working the RS satellites.

All the amateur community is invited to participate in this experiment.

The portable station being used was assembled by LU5E0.

[The AMSAT News Service (ANS) would like to thank Gustavo Carpignano (LW2DTZ) of AMSAT-LU for the information used in this bulletin.]

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SB SAT @ AMSAT \$ANS-260.05

JARL SPECIAL EVENT STATION

HR AMSAT NEWS SERVICE BULLETIN 260.05 FROM AMSAT HQ
SILVER SPRING, MD SEPTEMBER 17, 1994
TO ALL RADIO AMATEURS BT
BID: \$ANS-260.05

JARL Sponsors A Special Event Station

In connection with the International Telecommunications Union 14th Plenipotentiary Conference to be held in Kyoto Japan from 17 September to 14 of October, the Japan Amateur Radio League, has set up a special amateur radio station using the call 8N3ITU. The station is available to all Conference attendees who are licensed amateurs in their particular countries. Many Post and Telecommunication Ministers and their assistants from all over the world are to attend this meeting. The station will be capable of operating all modes from 1.9MHz to 1200 MHz, including AO-13 and other satellites.

Amateurs are reminded that 8N3 is not a new country, just JA, and that this is not a DXpedition. Japanese operators will be present but only to assist operators from foreign countries. They are instructed not to handle "pile-ups." Amateurs are asked to please not disturb the operation of 8N3ITU and please not engage in DXpedition style pile-ups. QSLs for contacts with 8N3ITU will be sent via the JARL bureau. For those who cannot use the bureau, they may send cards and an SASE to 8N3ITU, JARL-KANSAI 3-8-31 DAIDOU, TENNOUJI, OSAKA 543, JAPAN.

JAMSAT played a very important roll in achieving satellite capability for 8N3ITU. It is hoped that this will demonstrate, to the delegates, the possibilities and importance of Amateur Radio Satellites. Hopefully it may influence some governments, of countries where satellite operation is inhibited, to open the VHF and UHF Bands for Amateur Satellites Usage.

Although this operation is coming at a time when AO-13 is not in its best orientation and the station may be hampered by a long coax run, the JAMSAT volunteers are doing their best to put on a successful satellite demonstration

for some influential people. AMSAT wishes them luck in this worthwhile project.

JAMSAT expresses special thanks to the Japan Ministry of Postal and Telecommunication and JARL-HQ for this opportunity.

[The AMSAT News Service (ANS) would like to thank Mikio Mouri (JA3GEP) for the information used in this bulletin.]

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SB SAT @ AMSAT \$ANS-260.06
WEEKLY OSCAR STATUS REPORTS

HR AMSAT NEWS SERVICE BULLETIN 260.06 FROM AMSAT HQ
SILVER SPRING, MD SEPTEMBER 17, 1994
TO ALL RADIO AMATEURS BT
BID: \$ANS-260.06

Weekly OSCAR Status Reports: 17-SEP-94

AO-13: Current Transponder Operating Schedule:

N QST *** AO-13 TRANSPONDER SCHEDULE *** 1994 Sep 12 - Dec 19
Mode-B : MA 30 to MA 150 |<- OFF Oct 22 - Nov 07 for eclipses
Mode-B : MA 150 to MA 190 | max duration 2h 12m
Mode-BS : MA 190 to MA 218 |
Mode-S : MA 218 to MA 220 |<- S beacon only
Mode-S : MA 220 to MA 230 |<- S transponder; B trsp. is OFF
Mode-B : MA 230 to MA 30 | Alon/Alat 230/0
Omnis : MA 250 to MA 140 | Move to attitude 180/0, Dec 19

The battery charge state is of paramount importance during the eclipse seasons. As always the command team may have to have to make temporary changes to the published schedule. In that case we will try to minimize the inconvenience, setting Mode-B OFF from MA 230-256 in the first instance.

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[G3RUH/DB20S/VK5AGR]

FO-20: The FO-20 command team has mentioned before that digital mode operation of the bird will be continued for a while because mode switching between digital mode (Mode-JD) and analog mode may cause some problem of onboard command system. [Kazu Sakamoto (JJ1WTK)]

AO-16: WD0E reports that as of 18-SEP-94 the team of WJ9F, WD0E and VK7ZBX is continuing the software reload of AO-16. Last night the first stage was completed and PACSAT is under full software control and sending normal telemetry. Loading of the remainder of the software, including the BBS, will probably take a few more days. [wd0e@amsat.org]

LO-19: After of being out of service since May, LUSAT-OSCAR-19's BBS is

now working again! Last May, for some yet determined reason, the BBS crashed during a pass over South America near a region know for its high-energy particle activity called the South Atlantic Anomaly. Last Sunday, 11-SEP-94, AMSAT-LU ground controllers were able to bring LO-19's BBS back on-line.
[LW2DTZ]

The AMSAT NEWS Service (ANS) is looking for volunteers to contribute weekly OSCAR status reports. If you have a favorite OSCAR which you work on a regular basis and would like to contribute to this bulletin, please send your observations to WD0HHU at his CompuServe address of 70524,2272, on INTERNET at wd0hhu@amsat.org, or to his local packet BBS in the Denver, CO area, WD0HHU @ N0QCU. Also, if you find that the current set of orbital elements are not generating the correct AOS/LOS times at your QTH, PLEASE INCLUDE THAT INFORMATION AS WELL. The information you provide will be of value to all OSCAR enthusiasts.

/EX

Date: 17 Sep 1994 00:04:54 GMT
From: library.ucla.edu!csulb.edu!nic-nac.CSU.net!charnel.ecst.csuchico.edu!
yeshua.marcam.com!news.kei.com!eff!news.duke.edu!convex!cs.utexas.edu!
howland.reston.ans.net!vixen.@@ihnp4.ucsd.edu
Subject: DX Reflector
To: info-hams@ucsd.edu

Mark A. Traugott (traugott@bnr.ca) wrote:
: Could someone repost the information about subscribing to the DX
: Reflector. I lost the information. thanks.

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: /-----+-----\  
: | Mark A. Traugott | |  
: | Northern Telecom, Inc. | Opinions expressed are my own ....etc. |  
: | Richardson, Texas | etc. etc. |  
: | traugott@bnr.ca | |  
: | Callsign: N5TUW | |  
: \-----+-----/
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Date: Sun, 18 Sep 94 11:17:34 -0500
From: news.delphi.com!usenet@uunet.uu.net
Subject: Help w/Power Supply - Please!
To: info-hams@ucsd.edu

I am considering purchasing a 12 volt amplifier (3 Watts in and 90 Watts Out), for use with my 2 meter hand held at home. The unit I am considering is listed

in the Tucker Electronics Catalog, (Daiwas LA 2080HDX). The unit requires 13.8 Volts at 12 Amps.

MY QUESTION: Where can I get, and how much should I plan to spend on a power supply to run this unit. Any comments are appreciated.

Thank You.

A. Russell

Date: 18 Sep 1994 01:14:04 -0400
From: newstf01.cr1.aol.com!newsbf01.news.aol.com!not-for-mail@uunet.uu.net
Subject: Info wanted on the York PA hamfest
To: info-hams@ucsd.edu

In article <3570g1\$b0v@shore.shore.net>, mc@shore.net (Michael Crestohl) writes:

> Can anyone give me any info on the York PA hamfest coming up this
>month?

The York Hamfest will be held at the York Interstate Fairgrounds (on the west side of York) for two days, Sept 24 and 25. Setup for sellers at 6 AM, while buyers storm the gates at 8 AM.
\$5 will get you in.

Steve Johnston sbjohnston@aol.com

Date: Sat, 17 Sep 1994 23:19:51 GMT
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!msuinfo!harbinger.cc.monash.edu.au!news.cs.su.oz.au!metro!ipso!rwc@network.ucsd.edu
Subject: IPS Daily Report - 17 September 94
To: info-hams@ucsd.edu

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 17/2330Z SEPTEMBER 1994 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 17 SEPTEMBER AND FORECAST FOR 18 SEPTEMBER - 20 SEPTEMBER

1A. SOLAR SUMMARY
Activity: very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 70/5

GOES satellite data for 16 Sep

Daily Proton Fluence >1 MeV: 3.6E+06

Daily Proton Fluence >10 MeV: 4.6E+04

Daily Electron Fluence >2 MeV: 1.2E+08

X-ray background: LT

Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST

	18 Sep	19 Sep	20 Sep
Activity	Very low	Very low	Very low
Fadeouts	None expected	None expected	None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 18 Sep: 70/5

2A. MAGNETIC SUMMARY

Geomagnetic field at Learmonth: quiet

Estimated Indices : A	K	Observed A Index 16 Sep
Learmonth	7 2222 2222	
Fredericksburg	8	9
Planetary	8	9

Observed Kp for 16 Sep: 3332 2222

2B. MAGNETIC FORECAST

DATE	Ap	CONDITIONS
18 Sep	7	Quiet to unsettled
19 Sep	7	Quiet
20 Sep	7	Quiet

3A. GLOBAL HF PROPAGATION SUMMARY

	LATITUDE BAND		
DATE	LOW	MIDDLE	HIGH
17 Sep	normal	normal	normal

PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST

	LATITUDE BAND		
DATE	LOW	MIDDLE	HIGH
18 Sep	normal	normal	normal
19 Sep	normal	normal	normal
20 Sep	normal	normal	normal

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY

Observed

DATE T-index MUFs at Sydney

17 Sep 20 near predicted monthly values

Predicted Monthly T-index for September: 20

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST

DATE	T-index	MUFs
18 Sep	20	Near predicted monthly values
19 Sep	20	Near predicted monthly values
20 Sep	20	Near predicted monthly values

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IPS Regional Warning Centre, Sydney	IPS Radio and Space Services
RWC Duty Forecaster tel: +61 2 4148329	PO Box 5606
Recorded Message tel: +61 2 4148330	West Chatswood NSW 2057
email: rwc@ips.oz.au fax: +61 2 4148331	AUSTRALIA

Date: Mon, 1 Aug 94 00:02 PDT
From: Internet DX Mailing List Maintenance <dx-request@unbc.edu>
Subject: Monthly FAQ Posting
To: Internet DX Mailing List <dx@unbc.edu>

The Internet DX Mailing List
Frequently Asked Questions (FAQ) Sheet

Lyndon Nerenberg VE7TCP/VE6BBM
(Last Changed: 930906)

What is the Internet DX Mailing List?

It is an electronic mailing list dedicated to the discussion of Amateur Radio DXing. This is the place to exchange tips and techniques, discuss hardware (rigs, antennas, DSP add-ons), awards, announce upcoming DXpeditions, etc. Anything and everything pertaining to DX is fair game, with the following exceptions:

* Don't send requests for QSL info to the list. (If someone wants to coordinate a list of current QSL routes and post that on a periodic basis please get in touch with me.)

* Don't send lists of QSL routes to the list. (See above.)

* Discussion about contests and contesting should be kept to a minimum. The CQ-Contest list already provides an excellent forum for contest related discussions. (To subscribe to CQ-Contest, send an e-mail request to cq-contest-request@tgv.com)

How do I join the list?

To subscribe, send an e-mail request to

dx-REQUEST@unbc.edu

asking to be added. If you are not directly connected to the Internet you must provide an address relative to an Internet site. (We are not connected to BITNET or the UUCP network.) If you are not sure if you

are an

Internet site, ask your local system administrator.

Requests to be dropped from the list, change of address requests, or any other administrative mail should also be sent to the above address. UNDER NO CIRCUMSTANCES should administrative requests be sent to the general

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submission address!

Is the mailing list archived?

In a word, no.

How do I send a message to the list?

It's easy! Just send an e-mail message to:

dx@unbc.edu

Your message will be automatically resent to all the mailing list subscribers. Depending on the load on our mail system this could take anywhere from a few minutes to several hours. If you don't see your message within a day or so, send a message to the request address above (NOT the general submission address) and we will look into the problem.

Here are a few things to keep in mind when sending a message to the list. If everyone follows these guide-lines it will help the list operate smoothly.

- * Make sure your subject line is appropriate. If a conversation wanders off the original topic, change the subject line to reflect the new line of discussion.
- * Proofread your message before sending it! Spelling mistakes and poor formatting do nothing to help you get your message across.
- * Keep it short! Many subscribers pay for their e-mail access. Don't include 100 lines of the message you're replying to and then add a three line contribution. Only include as much text as is necessary to establish the context for your reply.
- * Watch your language! This list is gatewayed onto packet radio. Don't say anything that you wouldn't (or shouldn't) say over the air. Anyone violating

this rule will be dropped from the list *immediately*!

- * If someone asks a question, send your answer to them directly. The person asking the question should collect the responses, then send a summary to the list. This helps cut down on unnecessary

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list traffic.

- * Eschew flamage. If someone sends a flame to the list and you can't bite your tongue, send your flaming reply directly back to the flaming individual, not back to the list. No one wants to pay \$1.00 to read these messages (the original flame + your reply). Treat flamers the way you would two-meter repeater jammers - ignore them.
- * Make sure there is something of value in each message you send to the list.

When I reply to a message using my mailer's REPLY command I never see a copy of the message come back from the list. Why?

There are two possible causes. One is that your mailer sends the reply only to the originator of the message. In this case you will have to manually CC the mailing list. The second possibility is that your mail reader is so ancient and broken that it sends replies to the ``envelope'' from address instead of the From: or Reply-To: header values. If your mailer sends replies

to dx-request@unbc.edu you are running broken software.
If you are in the att.com or microsoft.com domains you
want to double check for this second problem. Note that
replies sent to dx-request get filed in the bit bucket.

Where can I obtain back issues of the various DX bulletins?

An incomplete archive of various Amateur Radio related
bulletins is available via anonymous FTP
from
unbc.edu:/ampr/bulletins/. I add back issues as
I come
across them - feel free to contact me if you can help
fill in the holes. Some time this fall I will be set-
ting up a WAIS server that will include all the
online
bulletin files. WWW and Gopher interfaces to this data
are also in the works.

If you have any suggestions or additions for this document,
please e-mail them to: lyndon@unbc.edu

Date: Sat, 17 Sep 1994 23:55:16 GMT
From: dog.ee.lbl.gov!agate!darkstar.UCSC.EDU!news.hal.COM!olivea!
charnel.ecst.csuchico.edu!yeshua.marcam.com!news.kei.com!eff!news.duke.edu!
zombie.ncsc.mil!gmi!news1.oakland.@ihnp4.ucsd.edu
Subject: rfmatch6.zip - Hams: RF match calculator and optimizer
To: info-hams@ucsd.edu

I have uploaded to SimTel, the Coast to Coast Software Repository (tm),
(available by anonymous ftp from the primary mirror site OAK.Oakland.Edu
and its mirrors):

SimTel/msdos/hamradio/
rfmatch6.zip Hams: RF match calculator and optimizer

RF match calculator optimizer is a graphic impedance calculator. The
program can be used to match sources to loads with networks made with
impedances, inductors, capacitors, transmission lines, stubs and trans-
formers. Frequency and components can be trimmed on line and the result
is immediately shown. Frequency sweep and montecarlo simulation can be
used to evaluate the behaviour of the matching network. Autotuning

helps the user to find a solution to matching problems. A pop-up calculator for complex numbers is also included.

Special requirements: EGA (VGA).

Changes: Frequency sweep with markers.

Licensed version: Mouse control of cursor. Ability to load a file of start impedances.

rfmatch6.zip has replaced rfmatch5.zip.

ShareWare. Uploaded by the author.

Giorgio Fontana
fontana@itnvax.science.unitn.it

Date: 18 Sep 1994 06:58:34 -0600
From: mnemosyne.cs.du.edu!nyx10.cs.du.edu!not-for-mail@uunet.uu.net
Subject: Soundblaster "Loop" Recording
To: info-hams@ucsd.edu

I've had quite a few replies to my query about using the Soundblaster for "loop" recording the audio output from my rig. Many thanks to all who replied!

I'm now using GOLDWAVE v.2.11 for this purpose and it seems to be working like a charm. Can capture 120 seconds of audio before it loops back to the beginning of the file.

Once again, thanks to all.

73,
Jim

--
***** A closed mouth gathers no feet. *****
Jim Navary - AA4JN, 914 Conjurers Drive, Colonial Heights, VA 23834
jnavary@nyx.cs.du.edu OR an533@yfn.ysu.edu

Date: Fri, 16 Sep 1994 17:05:00 -0800
From: ihnp4.ucsd.edu!library.ucla.edu!csulb.edu!nic-nac.CSU.net!usc!
howland.reston.ans.net!news.sprintlink.net!nwnexus!olympus.net!
ptpm000.olympus.net!user@network.ucsd.edu
Subject: ZAPPING dead Nicad Packs with my quick charger??

To: info-hams@ucsd.edu

Here's several prior posts on the subject. The idea of reviving Ni-Cads by injecting water with a hyperdermic is intriguing. Any ideas on common failure modes for Ni-Cads?

Path:

olympus.net!nwnexus!news3.sprintlink.net!news.sprintlink.net!news.world.net!
news.teleport.com!news.teleport.com!not-for-mail

From: tigger@teleport.com

Newsgroups: rec.radio.amateur.misc

Subject: Re: Reviving old NiCads

Date: 19 Jul 1994 09:29:41 -0700

Organization: Teleport - Portland's Public Access (503) 220-1016

Lines: 34

Message-ID: <30gv1l\$pfv@elaine.teleport.com>

References: <cripps.1.0011F98A@hk.net>

NNTP-Posting-Host: elaine.teleport.com

X-Newsreader: TIN [version 1.2 PL2]

David Cripps (cripps@hk.net) wrote:

: I remember in the dim and distant past, an article explaining how to revive
: "dead" NiCads (Not just ones with a poor memory)

: I think it was something along the lines of applying an overvoltage!

: Anyone else know the trick or do I threw my old NiCads away and start again.

: Dave

This may or may not be what you are thinking of. In the September 1993 issue of QST on page 23, there is a shaded box with the title, "Reconditioning Small Lead-Acid Batteries." It's kind of long, so I wasn't going to type it unless you really needed it. The basic concepts though are to apply a large amount of voltage in the correct polarity untill it to start charging - 50 volts on a six volt battery. He does say that you should do this when you are there, or else put on a "sutiable resistor in the charging circuit to prevent excessive current if the battery came "alive" when [he] wasn't around." The author goes on to say that this might not work, but he has sucessfully applied charging voltage in reverse for about 30 seconds - allowing no more than 0.5 amphere of current to flow. This is actually suggested by some manufactures of lead-acid batteries. There is an explanation of why this works too. Once the current flow is started, it can be increased by repeated charging and discharging until the battery begins to act like a normal battery.

Hope this helps

Max
N7NWG

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From: domonkos@access.digex.net (Andy Domonkos)
Newsgroups: rec.radio.amateur.misc
Subject: Re: Reviving old NiCads
Date: 20 Jul 1994 10:25:12 -0400
Organization: Express Access Online Communications, Greenbelt, MD USA
Lines: 27
Sender: domonkos@access3.digex.net
Message-ID: <hlIBkiubGgh3066yn@access.digex.net>
References: <cripps.1.0011F98A@hk.net>
NNTP-Posting-Host: access3.digex.net

In article <cripps.1.0011F98A@hk.net>, David Cripps wrote:

> I remember in the dim and distant past, an article explaining how to revive
> "dead" NiCads (Not just ones with a poor memory)
>
> I think it was something along the lines of applying an overvoltage!
>
> Anyone else know the trick or do I threw my old NiCads away and start again.
>
> Dave

In Hints and Kinks by the ARRL a few years ago, an article by a British ham described how to revive a Nicad by adding distilled water. He drilled a small hole thru the center of the anode. He inserted a syringe needle thru the whole thru the rubber pressure seal and added about 3 ml of distilled water to a AA size nicad. The rubber pressure seal supposedly closes enough to prevent a leak. The battery is allowed to sit overnite while the water disperses into the battery. He then recharged it to near full capacity.

I tried this myself and surprisingly, it works. You don't get the full rating you had before but I got about another year of good use for my HT nicads. They were 5 years old and wouldn't hold a charge. The author of the article stated the batteries dry out and adding real electrolyte would be better but said the distilled water was good enough. I haven't done it since, I like a rotating my nicads every 3 years now for reliability.

Andy N3LCW

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To: info-hams@ucsd.edu

References <marchbg-080994210113@net199.metronet.com>,
<34ptec\$s4e\$1@mhadf.inhouse.compuserve.com>,
<Pine.SUN.3.90.940916130216.20859B-100000@access3.digex.net>
Subject : Re: VANITY CALLS - What's the story????

Tony Stalls (rstalls@access3.digex.net) wrote:

: Incidentally, although the amendment hadn't been adopted, the FCC
: published a general fee schedule about a month and a half ago that has the
: \$70 vanity call sign fee listed. There is an "if adopted" disclaimer, but
: it sounds like a "done deal" to me!

I hope they approve it personally and I would pay double to get a vanity
call! Hey maybe that's it! Maybe we should make people bid for vanity
calls. :-)

Tom

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